

**SECRET****PRIORITY**

1967 AUG 15 23 50Z

OUT 62871

P 152311Z AUG 67  
 FM NPIC WASHDC  
 TO AIG NINE SEVEN FIVE

BT

**SECRET** SECTION 1 OF 3. CITE NPIC 1528  
 PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF  
 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-973, 11 AUG 67.

((FOLLOWING TEXT IDENTICAL TO MISSION LISTED ABOVE))

**SECRET**

END OF MESSAGE

S/C NOTE: ALSO PASSED 

Declass Review by NGA

DISTRIBUTION		
By No.	Office	Action
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2		
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5	PAG	✓
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**SECRET**

GROUP 1  
 Excluded from automatic  
 downgrading and  
 declassification

# PREFACE

THE FOLLOWING INFORMATION REPRESENTS AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-973, 11 AUG 67.

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--

C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC

@GROUND COVER@, CF @CAMOUFLAGE@, O @OBLIQUITY@, AND GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@.

THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@.

THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM@, MEDIUM @76-100 MM@, HEAVY @OVER 100 MM@, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4@.

IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

HOLGUIN SAM SITE R27-2 CU 2052N 07627W

OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES@, 6 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 3 ADDITIONAL VAN TRAILERS, AND AT LEAST 6 PROBABLE CARGO TRUCKS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, AT LEAST 6 MISSILE TRANSPORTERS, A GUIDANCE AREA WITH FAN SONG RADAR, AND 6 OTHER VEHICLES/PIECES OF EQUIPMENT.

HOLGUIN SAM SITE WEST CU 2051N 07627W

OB -- NONE OBSERVED.

CONSTRUCTION CONTINUES.

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 15 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH SHED-COVERED ASSOCIATED EQUIPMENT, 9 TRACKED PRIME MOVERS, 10 PROBABLE TRUCK TRACTORS, AND 11 CARGO TRUCKS.

ACTIVITY -- ONE 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W

OB -- 3 MISSILES ON DOLLIES, 2 MISSILE TRANSPORTERS, 6 CANISTER TRANSPORTERS @3 CANVAS-COVERED@, AT LEAST 72 MISSILE CANISTERS, 1 TRUCK TRACTOR, 2 TRUCK-MOUNTED CRANES, 10 CARGO TRUCKS, 2 VAN TRUCKS, AND 2 PROBABLE VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA SAM SITE 2 CU 1958N 07549W

OB -- NONE OBSERVED.

ACTIVITY -- 2 CARGO TRUCKS AND 1 OTHER VEHICLE.

CONSTRUCTION CONTINUES ON SITE.

SANTIAGO SAM TRAINING AREA CU 1958N 07551W

OB -- 1 MISSILE TRANSPORTER, 15 TRACKED PRIME MOVERS, 7

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PROBABLE VAN TRUCKS, 31 CARGO TRUCKS, 4 VAN TRAILERS, 4  
CARGO TRAILERS, AND 1 TRUCK-MOUNTED CRANE. 2006/11/08: CIA-RDP78B03817A000700040065  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W  
OB -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 10  
MISSILE TRANSPORTERS 04 WITH EXPOSED MISSILES, A FAN  
SONG RADAR WITH SHED-COVERED SUPPORT VANS, A POSSIBLE  
ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, AND 7  
OTHER VEHICLES.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W  
OB -- 12 UNIDENTIFIED VEHICLES AND NUMEROUS MISSILE  
CANISTERS OBSERVED. GROUND RESOLUTION LIMITS  
INTERPRETATION.  
NO APPARENT CHANGE IN FACILITIES.

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W  
OB -- 6 EMPLACED LAUNCHERS 02 WITH MISSILES AND A FAN  
SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA MAYA SAM SITE CU 2014N 07540W  
OB -- 6 EMPLACED LAUNCHERS 01 WITH MISSILES, 9 MISSILE  
TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN  
TRAILERS, AN ACQUISITION RADAR WITH AN ASSOCIATED  
GENERATOR VAN, 3 ADDITIONAL VAN TRAILERS, AND 6 OTHER  
VEHICLES.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

MOA SAM SITE CU 2039N 07450W  
SITE REMAINS ABANDONED.

#### AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W  
OB -- 1 CRATE, 1 C-47, 1 COLT, AND 1 HOUND.

HOLGUIN AIRFIELD CU 2047N 07618W  
OB -- 9 FISHBED, 11 FAGOT/FRFSCO, AND 1 HOUND.  
CONSTRUCTION OF HANGARETTES CONTINUES.

LOS CANOS AIRFIELD CU 2005N 07509W  
OB -- 1 MEDIUM STRAIGHT-WING AIRCRAFT.

ANTONIO MACEO AIRFIELD CU 1958N 07550W  
OB -- 1 C-47, 1 MORAVA 1-200, AND 1 HOUND.

BAYAMO AIRFIELD EAST CU 2022N 07637W  
OB -- 1 PROBABLE COLT AND 3 PROBABLE HOUND.

BAYAMO AIRFIELD CU 2023N 07637W  
OB -- NONE OBSERVED.  
CONSTRUCTION OF RUNWAY CONTINUES.

#### NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2000 07550W  
VESSELS -- 10 LARGE FREIGHTERS, 1 LARGE TANKER, AND 3

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PROBABLE YR

Approved For Release 2006/11/08 : CIA-RDP78B03817A000700040046128

NOEVITAS PORT CU 2132N 07715W

VESSELS -- 9 FREIGHTERS AND 1 TANKER.

CAIBARIEN PORT CU 2231N 07928W

VESSELS -- NONE OBSERVED.

CARDENAS PORT CU 2302N 08111W

VESSELS -- 1 LARGE FREIGHTER AND 1 COASTAL FREIGHTER.

ELECTRONICS/COMMUNICATIONS

HOLGUIN EW/GCI RADAR SITE CU 2048N 07618W

OB -- NONE OBSERVED.

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W

OB -- 8 VAN TRUCKS AND 13 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA EW/GCI RADAR SITE 2 CU 2005N 07551W

OB -- 1 TOKEN-TYPE RADAR.

PUNTA MAISI LOW SIEVE RADAR SITE CU 2014N 07409W

OB -- 1 LOW SIEVE RADAR.

NO APPARENT CHANGE IN FACILITIES.

VARADERO LOW SIEVE RADAR SITE CU 2311N 08108W

OB -- NONE OBSERVED.

LA SOCAPA LOW SIEVE RADAR SITE CU 1958N 07552W

OB -- 1 LOW SIEVE RADAR.

NO APPARENT CHANGE IN FACILITIES.

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 07600W

OB AREA 1H -- AT LEAST 40 VEHICLES. AREA 5H -- 5 VEHICLES/PIECES OF EQUIPMENT. AREA 6H -- 21 PROBABLE CARGO TRUCKS.

AREA 7 -- IDENTIFICATION ONLY.

AREAS 2-4 -- CLOUD COVERED.

HAZE AND SCATTERED CLOUDS PRECLUDE DETAILED INTERPRETATION.

NO APPARENT CHANGE IN FACILITIES.

DOS CAMINOS MILITARY CAMP CU 2014N 07547W

OB -- 29 FA PIECES, 12 PROBABLE AAA PIECES, AND 32 TRACKED PRIME MOVERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

GUANAMAMO AREA CU 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

AREA 1 -- 50 PERCENT USEABLE COVERAGE.

AREAS 2, 3, 6, AND 9 -- 90 PERCENT USEABLE COVERAGE.

AREA 4 -- 40 PERCENT USEABLE COVERAGE.

AREA 5 -- 80 PERCENT USEABLE COVERAGE.

AREA 7 -- 5 PERCENT USEABLE COVERAGE.

AREA 8 -- 60 PERCENT USEABLE COVERAGE.

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HOLGUIN MILITARY CAMP CU 2057N 07616W  
OB -- 6 PROBABLE TANKS/SP GUNS, 15 FA PIECES, 42 AAA  
PIECES, 15 AAA PIECES/MORTARS, AND 98 CARGO TRUCKS.  
OB -- CAMP 2.2 NM SW -- 10 PROBABLE TANKS/SP GUNS AND 8  
CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

HOLGUIN MILITARY CAMP NW CU 2057N 07616W  
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

REMEDIOS MILITARY AREA CU 2227N 07935W  
OB -- 6 PROBABLE TANKS/SP GUNS, 23 FA PIECES, 40 CARGO  
TRUCKS, 17 UTILITY TRUCKS, AND AT LEAST 115 OTHER  
VEHICLES/PIECES OF EQUIPMENT.  
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

CORRALILLO MILITARY AREA CU 2301N 08038W  
OB -- 2 VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

CUABITAS MILITARY CAMP CU 2003N 07548W  
OB -- 13 TANKS/SP GUNS AND 6 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

EL CRISTO MILITARY INSTALLATION CU 2010N 07547W  
OB -- 12 CARGO TRUCKS, 1 PROBABLE TRACKED VEHICLE, 4  
CANVAS-COVERED VEHICLES/PIECES OF EQUIPMENT, AND 1  
OTHER VEHICLE.  
NO APPARENT CHANGE IN FACILITIES.

MARTI ARMOR TRAINING AREA CU 2258N 08059W  
OB -- NONE OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

OFELIA MILITARY CAMP CU 2006N 07530W  
OB -- AT LEAST 9 TANKS/SP GUNS, 14 FA PIECES, 47 CARGO  
TRUCKS, AND 10 OTHER VEHICLES.  
ACTIVITY -- 4 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

PUERTO PADRE MILITARY AREA CU 2111N 07639W  
OB -- 1 CARGO TRUCK.  
NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA MILITARY CAMP NW CU 2003N 07554W  
OB -- 3 FA PIECES, 15 MORTARS, AND 37 CARGO TRUCKS. NO  
APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA MILITARY CAMP CU 2003N 07553W  
OB -- 48 FA PIECES, 9 MORTARS, 89 CARGO TRUCKS, AT  
LEAST 2 UTILITY TRUCKS, AND 1 FLATBED TRACTOR-TRAILER  
TRUCK.  
FACILITIES INCLUDE 16 LARGE TENTS.  
NO APPARENT CHANGE IN PERMANENT FACILITIES.

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SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 2001N 07547W  
OB -- AT LEAST 19 FA PIFCES, APPROXIMATELY 1000 FT. E. OF CAMP SAN JUAN HILL. G-973 D0253  
TRUCKS. G-973 40255

ACTIVITY -- 1 OCCUPIED 3-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES. G-973 40256  
G-973 40257

JESUS MARIA PROBABLE MILITARY BARRACKS CU 2056N 07615W  
OB -- NONE OBSERVED. G-973 40258  
NO APPARENT CHANGE IN FACILITIES. G-973 D0259  
G-973 40260  
G-973 40261

SIBONEY LANDING BEACH CU 1957N 07542W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 40262  
G-973 D0263  
G-973 40264

PLAYA YATERITAS LANDING BEACH CU 1958N 07457W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 40265  
G-973 D0266  
G-973 40267

MAR VERDE LANDING BEACH CU 1957N 07556W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 40268  
G-973 D0269  
G-973 40270

IMIAS LANDING BEACH CU 2005N 07440W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 40271  
G-973 40272  
G-973 D0273

MOA @PUNTA GORDA LANDING BEACH CU 2039N 07453W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 40274  
G-973 40275  
G-973 40276

MOA @CANANOVAS LANDING BEACH CU 2039N 07502W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 D0277  
G-973 40278  
G-973 40279

CAYO DE SABINAL LANDING BEACH CU 2144N 07728W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 40280  
G-973 40281  
G-973 D0282

PENINSULA DE HICACOS LANDING BEACH CU 2311N 08130W  
NO NEW MILITARY ACTIVITY OBSERVED. G-973 40283  
G-973 40284  
G-973 40285

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

NICARU LANDING BEACH 2042N 07533W G-973 40293  
G-973 40294

SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER 1959N 07550W G-973 40295  
G-973 40296

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

CAMILO CIENFUEGOS AIRFIELD 2229N 07956W G-973 40297  
G-973 40298

SANTA CLARA EW/GCI RADAR SITE 2229N 07956W G-973 40299  
G-973 40300

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE 2101N 07535W

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